



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hiroshi Akimoto, Igor V. Matulyak, and  
Volodymyr V. Moroz

Filing Date: July 15, 2003

Title: Method, Apparatus and System for Compressing  
Still Image in Multipurpose Compression Systems

Group Art: 2621

Examiner: Unknown

Serial No.: 10/620,873

Docket No.: SCT107U

Mail Stop IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

TRANSMITTAL

**Information Disclosure Statement under 37 CFR § 1.97 (as amended)**

In reference to the above identified application are the following Documents:

1. Information Disclosure Statement ( 2 pages);
2. FORM PTO-A820 (1 page);
3. References (5);
4. FORMPTO-A2038 in the amount of \$180.00, please charge any fees or credit any overpayment, to Deposit Account No. 50-0684. (1 page);and
5. Return Postcard.

**Garrison & Associates PS**

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**CERTIFICATE OF MAILING OR TRANSMISSION**

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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 (as amended)

In compliance with Applicants and their attorney's duty of disclosure under 37 CFR § 1.56, Applicants submit herewith documents of which they are aware and which they believe may be material to the examination of this application, and in respect of which there may be a duty to disclose.

While the Information Disclosure Statement may cite materials which are "material" to examination of the Application pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such. In accordance with 37 CFR § 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(b) exists.

Copies of each of the above noted references (5) are enclosed.

The documents listed on the attached Form PTO-A820 are either patents previously issued to the inventor or are patents or other references which have become known to the inventor prior to the filing of this application. While each reference relates to the broad general

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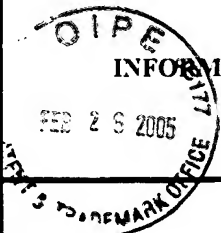
area of interest within which the present invention falls, or may disclose manufacturing techniques which might be useful in some aspects of the present invention, it is submitted that none of the references, either taken singularly or in combination, would render the claims of the present invention obvious to one of ordinary skill in the art.

Respectfully submitted,

***Garrison & Associates PS***

A handwritten signature in cursive script, reading "David L. Garrison". The signature is written in dark ink and is positioned below the firm name.

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 <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p>				Docket Number (Optional) <b>SCT107U</b>		Application Number <b>10/620,873</b>		
				Applicant(s) <b>Hiroshi Akimoto, Igor V. Matulyak, Volodymyr V. Moroz</b>				
				Filing Date <b>July 15, 2003</b>		Group Art Unit <b>2621</b>		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		6,339,658	Jan., 2002	Moccagatta, et al				
		6,233,358	May, 2001	Acharya				
		6,031,937	Feb., 2000	Graffagnino				
		6,118,902	Sept., 2000	Knowles				
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES NO	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
		1. Mallat Stephane G., "A Theory for Multiresolution Signal Decomposition: The Wavelet Representation", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 11, No. 7, July 1989. 2. "JPEG 2000 Image Coding System", JPEG 2000 Final Committee Draft Version 1.0, 16 March 2000. 3. J.M. Shapiro, "Embedded image coding using zerotrees of wavelet coefficients", IEEE Trans. on Signal Processing, v.41, no. 12, pp. 3445-3463, Dec. 1993.						
		4. Vetterli, M., Herley, C., "Wavelets and Filter Banks: Relationships and New Results", Department of Electric Engineering and Center for Telecommunication Research, Columbia University, New York, pp. 1723-1726, 1990 5. Daubechies, Ingrid, "Ten Lectures on Wavelets", Society for Industrial and Applied Mathematics, 1992.						
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								